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Spec B

Radioactivity of the Land Plants and Algae Collected at
Kabellie Island, Rongelap Atoll on 7/18/57

| Plant | Tissue | No. of plants | *d/m/g | d/m/g | Ave. uc/kg wet |
|------------------------------|-----------------|------------------|------------------------|-------|-------------------|
| <u>Nostoc sp.</u> | entire | several | 426 | 426 | 0.194 |
| <u>Microdictyon okamurae</u> | entire | several | 536 564 | 550 | 0.250 |
| <u>Halimeda stuposa</u> | entire | several | 124 92 | 108 | 0.049 |
| <u>Caulerpa serralata</u> | entire | several | 150 124 | 137 | 0.062 |
| <u>Halimeda opuntia</u> | entire | several | 80 80 | 80 | 0.036 |
| Cocoanut (green) | meat | 4 | 100 106 94 94 | 103 | 0.047 |
| | | | 114 110 | | |
| | | | 132 132 | 132 | 0.060 |
| Cocoanut (green) | milk | 4 | 34 106 40 124 | 87 | 0.040 |
| | | | 72 88 | | |
| | | | 284 224 | 254 | 0.115 |
| <u>Scaevola frutescens</u> | leaves | 10 | 98 62 | 80 | 0.036 |
| | back of stems | | 40 46 | 43 | 0.020 |
| | fruits | | 36 34 | 35 | 0.016 |
| | inside of stems | | 30 52 | 41 | 0.019 |

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| Plant | Tissue | No. of plants | *d/m/g | Ave. | |
|--|----------------------|------------------|--------------|-------|-------|
| | | | | d/m/g | uc/kg |
| <u>Messerschmidia</u> <u>argentea</u> | Fruit and flowers | 10 | 178} 136} | 157 | 0.071 |
| | leaves | | 148} 168} | | |
| <u>Guettarda</u> <u>speciosa</u> | fruits | 20 | 88 60 | 74 | 0.034 |
| <u>Sida</u> <u>fallax</u> | leaves | 5 | 262 312 | 287 | 0.130 |

*wet weight